

Title (en)

SYSTEM AND METHOD FOR A COOPERATIVE CONVERSATIONAL VOICE USER INTERFACE

Title (de)

SYSTEM UND VERFAHREN FÜR EINE KOOPERATIVE BENUTZERSCHNITTSTELLE MIT KONVERSATIONSSTIMME

Title (fr)

SYSTÈME ET PROCÉDÉ POUR UNE INTERFACE UTILISATEUR VOCALE DE CONVERSATION

Publication

**EP 2082335 A4 20101110 (EN)**

Application

**EP 07873538 A 20071016**

Priority

- US 2007081481 W 20071016
- US 58092606 A 20061016

Abstract (en)

[origin: US2008091406A1] A cooperative conversational voice user interface is provided. The cooperative conversational voice user interface may build upon short-term and long-term shared knowledge to generate one or more explicit and/or implicit hypotheses about an intent of a user utterance. The hypotheses may be ranked based on varying degrees of certainty, and an adaptive response may be generated for the user. Responses may be worded based on the degrees of certainty and to frame an appropriate domain for a subsequent utterance. In one implementation, misrecognitions may be tolerated, and conversational course may be corrected based on subsequent utterances and/or responses.

IPC 8 full level

**G06F 17/28** (2006.01)

CPC (source: EP US)

**G06F 3/167** (2013.01 - US); **G06F 40/30** (2020.01 - US); **G10L 15/18** (2013.01 - US); **G10L 15/1815** (2013.01 - US); **G10L 15/1822** (2013.01 - US); **G10L 15/22** (2013.01 - EP US); **G10L 17/22** (2013.01 - US); **G10L 25/51** (2013.01 - US); **G10L 25/63** (2013.01 - US); **G10L 15/183** (2013.01 - EP US); **G10L 2015/0631** (2013.01 - EP US); **G10L 2015/225** (2013.01 - US); **G10L 2015/228** (2013.01 - US); **G10L 2021/02166** (2013.01 - US)

Citation (search report)

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Designated contracting state (EPC)

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DOCDB simple family (publication)

**US 2008091406 A1 20080417; US 8073681 B2 20111206**; CN 101535983 A 20090916; CN 101535983 B 20120822; EP 2082335 A2 20090729; EP 2082335 A4 20101110; US 10297249 B2 20190521; US 10510341 B1 20191217; US 10515628 B2 20191224; US 10755699 B2 20200825; US 11222626 B2 20220111; US 2012022857 A1 20120126; US 2013339022 A1 20131219; US 2015228276 A1 20150813; US 2019272821 A1 20190905; US 2019272822 A1 20190905; US 2019272823 A1 20190905; US 2019385596 A1 20191219; US 2020388274 A1 20201210; US 8515765 B2 20130820; US 9015049 B2 20150421; WO 2008118195 A2 20081002; WO 2008118195 A3 20081204

DOCDB simple family (application)

**US 58092606 A 20061016**; CN 200780042315 A 20071016; EP 07873538 A 20071016; US 2007081481 W 20071016; US 201113251712 A 20111003; US 201313987645 A 20130819; US 201514691445 A 20150420; US 201916416884 A 20190520; US 201916417173 A 20190520; US 201916417178 A 20190520; US 201916555125 A 20190829; US 202017000502 A 20200824